

## Abstract

It is an object of the invention to provide a method for forming printing inspection data in which the use of a mask plate makes it possible to simply and efficiently form the inspecting data.

In a method for forming printing inspection data for obtaining mask opening data from an image got by picking-up the image of a mask plate to form the inspecting data, when an image pick-up visual field 20a is sequentially moved to visual field positions having a grid-shaped arrangement to obtain a plurality of images, if incomplete opening parts 16b (X) and (Y) in which parts of the opening parts protrude are detected, ranges BX2 and BY2 which are excluded from an object of data in this image are determined based on these sizes BY1 and BY2. When the image pick-up visual field is moved to an adjacent visual field position, the image pick-up visual field is overlapped on the adjacent image pick-up visual field by BX2, BY2 to include these opening parts in the adjacent image pick-up visual field. Thus, an inconvenience that the opening parts protrude in the image is eliminated so that the inspecting data can be simply and efficiently formed.